



RZBC (JUXIAN) CO., LTD.

NO.209,LAIYANG ROAD, JUXIAN ECONOMIC DEVELOPMENT ZONE,
RIZHAO, SHANDONG, CHINA

TEL: +86-633-2163519
<http://www.rzbc.com>

FAX: +86-633-2163500
E-mail:sales@rzbc.com

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MAGNESIUM CITRATE NONAHYDRATE

BATCH NO.: 509060001

NET WEIGHT: 28000kg

QUANTITY: 1120BAGS

GROSS WEIGHT: 28224kg

PACKING: IN 25kg BAG

ANALYSIS DATE: 01/10/2025

PRODUCTION DATE: 20/09/2025

EXPIRY DATE: 19/09/2027

REF.NO.: 4138

| ITEM | STANDARD | ACTUAL DATA | TEST METHOD |
|------------------------------|--|--|-------------|
| CHARACTERS | WHITE OR ALMOST WHITE, FINE POWDER, SPARINGLY SOLUBLE IN WATER, PRACTICALLY INSOLUBLE IN ETHANOL (96 PER CENT). IT DISSOLVES IN DILUTE HYDROCHLORIC ACID | WHITE OR ALMOST WHITE, FINE POWDER, SPARINGLY SOLUBLE IN WATER, PRACTICALLY INSOLUBLE IN ETHANOL (96 PER CENT). IT DISSOLVES IN DILUTE HYDROCHLORIC ACID | EP |
| IDENTIFICATION | PASS TEST | PASS TEST | EP |
| APPEARANCE OF SOLUTION | PASS TEST | PASS TEST | EP |
| pH (5% AQUEOUS SOLUTION) | 6.0-8.5 | 6.4 | EP |
| OXALATES | ≤280ppm | <280ppm | EP |
| LOSS ON DRYING | 24.0-28.0% | 25.4% | EP |
| ASSAY (Mg) (dried substance) | 15.0-16.4% | 16.0% | EP |
| CHLORIDE | ≤0.05% | <0.05% | USP |
| SULFATE | ≤0.2% | <0.2% | USP |
| IRON | ≤100ppm | <100ppm | EP |
| CALCIUM | ≤0.2% | <0.2% | EP |
| ARSENIC | ≤3ppm | <3ppm | USP |

CONCLUSION: THE QUALITY OF THIS BATCH CONFORMS WITH ALL REQUIREMENTS OF EP/USP WHEN TESTED ACCORDING TO THESE COMPENDIA.

崔久霞

